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DCI/IC82-3555
30 April 1982

MEMORANDUM FOR: Deputy Director of Central Intelligence

FROM: 25X1

Director, Intelligence Community Staff

SUBJECT: Community Computer

REFERENCE: Memo dated 22 February 1982 to Director, NSA
                 subj: Community Data Processing Support for
                 Capabilities Programming and Budget (CPB).   25X1

    1. Action Requested: That you discuss the Community computer with HPSCI
and SSCI principals and persuade them to include appropriate language in their
conference report to permit acquisition and operation of such a computer by
NSA.

    2. Background:

        a. As a result of your request to DIRNSA (reference) representatives
from NSA have been working with us during the last two months detailing the
requirements for a Community computer that could be used by all component
programs in the NFIP to support their budget development and preparation of
Congressional justification material. The cooperation and professionalism of
NSA participants in this process have been outstanding, and we currently
anticipate an initial capability can be brought on-line by the target date of
1 August if sole-source procurement is approved.

        b. The primary budget functions that the computer will support are:

        (1) electrical transmittal of CBJB text and numbers to the CIA
             Print Plant,

        (2) electronic mail to facilitate the exchange among Program
             Offices and the ICS of issue papers, budget decisions,
             appeals, Congressional questions and answers, etc.

        (3) creation and maintenance of numeric budget data, and

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        (4) preparation of Budget Submissions (including the integration
            of numeric reports and supporting narrative).

The projected IOC in August would permit the four major Program Offices to
perform (1) and (2) immediately with (3) and (4) available in a prototype
mode. By next year we expect all programs to be interconnected and all
functions fully operational. The major Program Offices have been briefed in
detail on the proposed capability, and they are working with us to achieve the
early IOC.

      c. To fund the computer, the FY 1983 budget request for the ICS
included[   ]for contract support and[   ]for procurement of the   25X1
mainframe. Given the current support from NSA, use of external contractors is
no longer required. Consequently, we had anticipated using all or part of the
total funds budgeted in FY 1983[   ]to reimburse NSA for costs incurred in 25X1
the current fiscal year. The hardware and software that we have tentatively
selected (an IBM 4341 mainframe and commercial DBMS software) will cost
approximately[ ]with annual operating costs estimated to be about[   ] 25X1
[   ]   25X1

      d. Initial markups by both the HPSCI and the SSCI cut the[   ] 25X1
with the SSCI further cutting the[ ]earmarked for contract support. In   25X1
discussing the reasons for these cuts with Danny Childs and[   ], both   25X1
seem to accept as plausible our stated need for ADP improvements, but neither
believes that a separate, IC staff computer is justifiable. Their view,
epitomized by[   ]comments, is that upgrades to existing support from   25X1
CIA should be adequate, and that is how they expect us to use the[ ]that 25X1
the HPSCI did not cut (if it survives conference). The specific language in
each committee's report on the computer is attached.

  3. <u>Discussion</u>:

      a. While the concept of simply upgrading existing support is
superficially logical, it runs afoul of CIA security policies--a fact we have
raised with[   ], but which he chooses to ignore. The problem is this: 25X1
All of the budget functions listed above where we believe significant
improvements in ADP support can be realized require the electrical
interconnection of terminals in the Program Offices with the ICS. CIA
security policy prohibits non-CIA terminals from being connected to the
Ruffing Computer Center, the facility from which we currently receive our ADP
support. (This policy is long-standing, and was the basis for establishing
separate computers for CAMS, 4C, etc.) Therefore, "upgrades to existing
support" cannot be achieved at CIA without either:

        (1) moving the budget data off the Ruffing Center to a
            stand alone mainframe at CIA, or

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        (2)   interconnecting Program Offices via a separate "intelligent
             buffer", say in [   ], and using it as a manually switched   25X1
             medium between the Program Offices and the Ruffing Center.

The first approach would not be achievable in CY 1982 since ODP has stated it
does not have the capability to undertake a major new application at this
time. Furthermore, it would entail acquiring a stand alone computer--no
different in concept than what we are proposing at NSA. The second approach
would likely deny interactive access by Program Offices to their data, and, in
addition to having a Rube Goldberg flavor, could justifiably be viewed as a
subterfuge for circumventing Congress's prohibition against a stand alone
computer (since that is exactly what the "intelligent buffer" would be).

        b. In short, all meaningful alternatives that constitute "upgrades
to existing support" require acquisition of a stand alone computer. If
Congress cannot be convinced that a stand alone machine is of value, then we
really cannot make significant improvements in current support. If Congress
can be convinced, then among the alternatives that entail a stand alone
machine, the NSA solution is clearly preferable.

   4. Alternatives: Alternative actions include:

        a. Make no appeal. In this case the best we can expect is [   ]   25X1
out of conference, but it probably could not be spent on anything other than
approach (2) above. Approach (1) or continuation of the NSA effort would be
viewed as ignoring Congressional intent. In all likelihood, without some
appeal the [   ] will not be authorized in any case.   25X1

        b. Prepare a justification for staff members that outlines an
architecture consistent with approach (2) above in hopes of not losing the
[   ] in conference. While inferior to a solution involving a stand alone 25X1
computer at NSA or CIA, this would at least provide limited improvements (e.g.
electronic mail). The NSA development effort would have to be terminated and the
ICS (probably with help from CIA) would assume development responsibility.
Likely candidates for an "intelligent buffer" would be Wang equipment--either
an OIS-145 shared logic system or a VS-100 minicomputer. Neither could be
interactively netted with the Ruffing Center.

        c. Open discussions with principals with the goal of preventing
conference language that prohibits a stand alone mainframe computer. The NSA
solution would be argued on its substantive merit, and, if successful, we
would be able to continue with the preferred solution. Funding of [   ]would 25X1
be authorized for FY 1983. We would have to ask NSA to fund the balance
(approximately [   ] NSA appears to be sufficiently committed to the effort 25X1
to absorb this cost, if they are assured we are not violating the intent of
Congress.

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       d.   Alternative (c), plus seek reprogramming in FY 1982 to cover the
balance of the procurement cost.   This would be the ideal outcome, allowing us
to pay-our-own-way for the total effort.   It should be pursued if principals
are sufficiently convinced of the merits of the NSA solution.

       5.   You should be aware that [   ] as you would expect of a   25X1
prudent manager, has assured that we could do the basic job with the FY 1984
budget without the on-line system.   However, it would be cumbersome and
inefficient to do without support and it would be difficult to produce CBJB's
and testimony as we have hoped.

       6.   Recommendation: I recommend we pursue Alternative (c). [   ]   25X1

                                                                           25X1

[   ] Discussions with other committee principals may also be   25X1
necessary.   The attached talking points may be helpful.   The goal is to have
language in the conference report that says something like:

     "The Intelligence Community Staff requested [   ] to improve   25X1
     computer support necessary to manipulate a range of data bases
     associated with IC Staff activities.   The Committees have reviewed
     the system requirements and are not persuaded that the full [   ] is   25X1
     required.   The Committees recommend, therefore, that the [   ] be   25X1
     reduced to [   ]   These funds should be used to develop necessary   25X1
     support, relying upon existing expertise in Community elements
     wherever possible."

                                                             25X1

Attachments
    1.   Committee Reports
    2.   Talking Points [   ]   25X1

Attachment 1

HPSCI   Report

Committee Recommended Changes

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IC Staff Computer

25X1

The Intelligence Community Staff requested [   ] for the   25X1

procurement of a stand-alone, host computer to manipulate a range of data

bases associated with IC Staff activities. The fiscal year 1983

justification material stated that for reasons of capacity and security

their requirements could no longer be provided by CIA. The Committee has

reviewed the system requirements and is not pursuaded that the existing

CIA-supported system could not be expanded to serve the IC Staff's

purpose. The Committee recommends, therefore, that the [   ]   25X1

identified for a separate host computer for the IC Staff be reduced. The

Committee further suggests that the [   ] requested for interactive   25X1

data base funding be redirected to upgrading the existing system to

provide the necessary ADP support for the IC Staff.

SSCI Report

New Computer   25X1

The staff also requested [   ] for procurement of   25X1
a dedicated computer to develop and manipulate resource manage-
ment and other data bases associated with intelligence community
activities. The staff now has a remote operation facility that
provides direct access to the CIA computer center; thus, there
appears to be little justification for a dedicated computer
system. The Committee recommends, therefore, that the funds
for the new computer be denied.

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TALKING POINTS

- Reason for Computer

  - Budget support

    -- improve Community coordination during budget development

    -- reduce CBJB workload at Print Plant and Program Offices

    -- improve the accuracy of budget justification material (this would better focus Congressional discussion on substance rather than numerical inconsistencies)

    -- eliminate dissemination and coordination delays in responding to Congressional questions

  - Other Community applications

    -- potential host for a number of applications not now available to Community because of CIA security policies in Ruffing Center

    -- electronic mail to NFIB principals would speed SNIE coordination

- Why upgrades at CIA lead to stand alone requirement

  - Significant improvements require electrical interconnectivity of Program Offices

  - CIA policy precludes this

  - therefore, stand alone Computer is essential to achieve significant improvements

- Why preferred stand alone choice is NSA

  - already familiar with requirements

  - well equipped to handle comms and security aspects

  - personnel, space, etc. can be made available quickly

  - excellent working relationships have already been developed

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- Required funding

      [ ] initial procurement   25X1

      [ ] annual operating costs   25X1

  - we propose to reimburse NSA [ ] in FY 1983   25X1

  - additional [ ] reprogramming in FY 1982 would cover total procurement   25X1

    (if not possible, NSA will likely fund)

- Desired outcome

  - that the following language be used in conference report:

    "The Intelligence Community Staff requested [ ] to improve   25X1

    computer support necessary to manipulate a range of data bases

    associated with IC Staff activities. The Committees have reviewed

    the system requirements and are not pursuaded that the full [ ] is 25X1

    required. The Committees recommend, therefore, that the [ ] be 25X1

    reduced to [ ]. These funds should be used to develop necessary 25X1

    support, relying upon existing expertise in Community elements

    wherever possible."

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